

a¹ supplying at least one of water and steam into the gas turbine engine with the water delivery system such that at least one of water and steam is injected into the combustor.

2. (once amended) A method in accordance with Claim 1 wherein said step of supplying at least one of water and steam further comprising the step of supplying at least one of water and steam to at least one of the plurality of domes.

a² 6. (once amended) A combustor system for a gas turbine engine, said combustor system comprising:

a combustor comprising a plurality of domes, at least one of said combustor domes configured to operate with a fuel/air mixture equivalence ratio less than one; and

a water delivery sub-system connected to the gas turbine engine and configured to supply at least one of water and steam to the gas turbine such that at least one of water and steam is injected into the combustor.

a³ 13. (once amended) A combustor system in accordance with Claim 12 wherein the engine has a rated engine power, said water delivery sub-system is further configured to supply water in the first operating mode when the gas turbine engine operates below a predefined percentage of the rated engine power and supply water in the second operating mode when the gas turbine engine operates above the predefined percentage of the rated engine power.

14. (once amended) A gas turbine engine comprising a combustor system comprising a combustor and a water delivery sub-system, said combustor being a lean premix combustor comprising a plurality of domes, at least one of said domes configured to operate with a fuel/air mixture equivalence ratio less than one, said water delivery sub-system configured to supply at least one of water and steam to the gas turbine engine such that at least one of water and steam is injected into the combustor.
